

**JOINT**  
**PUBLIC NOTICE**

**CHARLESTON DISTRICT, CORPS OF ENGINEERS**  
**69A Hagood Avenue**  
**Charleston, South Carolina 29403-5107**  
**and the**  
**S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL**  
**OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT**  
**1362 McMillan Avenue, Suite 400**  
**Charleston, South Carolina 29405**

REGULATORY DIVISION

Refer to: P/N # [REDACTED] 2007-2546-11W -P

18 JANUARY 2008

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344), and the South Carolina Coastal Zone Management Act (48-39-10 et seq.) an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

**BEAUFORT COUNTY ENGINEERING**  
**ZANDE-JON GUERRY TAYLOR, P.E., INC.**  
**767 COLEMAN BOULEVARD, SUITE 2**  
**MT. PLEASANT, SOUTH CAROLINA 29464**

for a permit to replace an existing boat ramp, to construct a floating courtesy dock, and to perform hydraulic dredging and open water disposal in waters of the

**BROAD RIVER**

at a location on the Broad River at Highway 170 (Robert Smalls Parkway) in Beaufort, Beaufort County, South Carolina (Latitude 32.39129°, Longitude -80.77536°).

In order to give all interested parties an opportunity to express their views

**NOTICE**

is hereby given that written statements regarding the proposed work will be received by both of the above mentioned offices until

**12 O'CLOCK NOON, TUESDAY, 19 FEBRUARY 2008**

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of the removal of an existing public boat ramp and the construction of a new 128' x 35' public boat ramp surrounded by 110 cubic yards of rip rap as shown on sheets 4, 10 and 11 of 14. In addition, adjacent to the boat ramp, a 140' x 8' ground out floating dock in an "L" configuration will be installed. The project also includes the removal of approximately 8,000 cubic yards of silt material with a hydraulic dredge from an area measuring 500' x 50' as shown on sheets 4, 5, 6, 10 and 14 of 14. The applicant is proposing disposal of the material in waters of the Broad River (open water disposal) within a ten acre area of a 23 acre area (measuring 2000' x 500') shown on sheet 7 of 14 at a depth of 25 ft. mlw. The purpose of the project, according to the applicant is for public boating access to waters of the Broad River at all tide stages.

18 JANUARY 2008

**NOTE:** Plans depicting the work described in this notice are available and will be provided, upon receipt of a written request, to anyone that is interested in obtaining a copy of the plans for the specific project. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided for mailing the drawings to you. Your request for drawings should be addressed to the

**U.S. Army Corps of Engineers  
ATTN: REGULATORY DIVISION  
69A Hagood Avenue  
Charleston, South Carolina 29403-5107.**

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. The work shown on this application must also be certified as consistent with applicable provisions the Coastal Zone Management Program (15 CFR 930). The District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 1.32 acres of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the red drum, shrimp, and snapper-grouper management complexes. Our initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

The District Engineer has consulted the most recently available information and has made no determination of effect on any Federally endangered, threatened, or proposed species. This public notice serves as a request to the U.S. Fish and Wildlife Service and the National Marine Fisheries Service for any additional information they may have on whether any Federally listed or proposed to be listed endangered or threatened species and/or designated or proposed critical habitat may be present in the area which would be affected by the activity, pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended).

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

In accordance with the NHPA, the District Engineer has also consulted the latest published version of the National Register of Historic Places for the presence or absence of

REGULATORY DIVISION

Refer to: P/N #SAC 2007-2546-1IW

18 JANUARY 2008

registered properties, or properties listed as being eligible for inclusion therein, and this worksite is not included as a registered property or property listed as being eligible for inclusion in the Register. To insure that other cultural resources that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office to provide any information it may have with regard to historic and cultural resources.

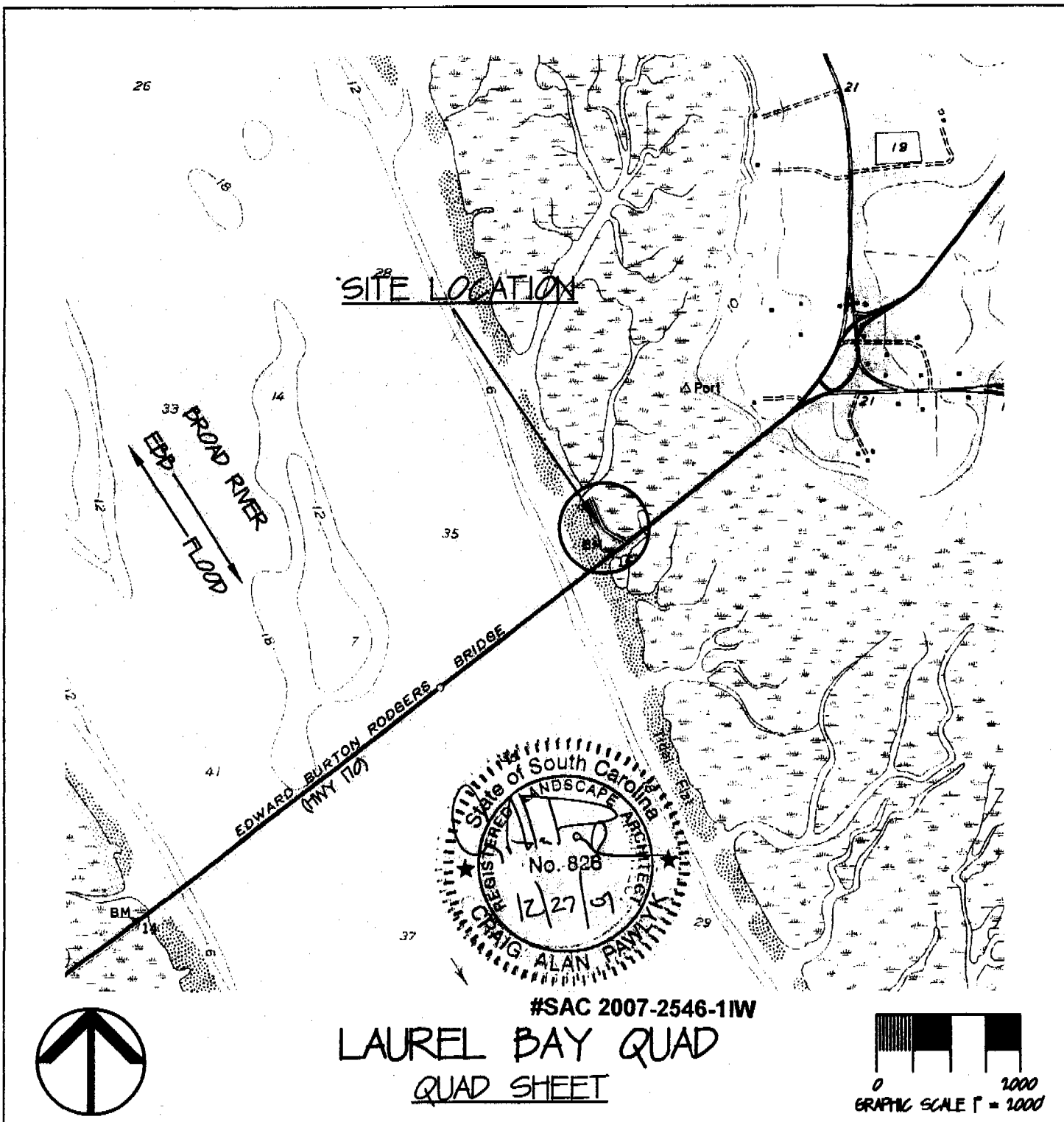
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps of Engineers cannot undertake to adjudicate rival claims.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

If there are any questions concerning this public notice, please contact Debbie King at 843-329-8044 or toll free at 1-866-329-8187.

Steve Brooks  
Project Manager  
SCDHEC-OCKM



**AUTHORIZED AGENT:**

ZANDE-JON GUERRY TAYLOR, P.E., INC.  
P.O. BOX 1082  
MT. PLEASANT, SC 29465  
c/o MR. CRAIG PAWLYK

**ADJACENT RIPARIAN PROPERTY:**

SEE SHEET X

LATITUDE: N 32d 23'30.69"  
LONGITUDE: W 80d 46'32.38"

**BROAD RIVER BOAT RAMP  
AND  
DREDGING CHANNEL**

BEAUFORT COUNTY

**PROPOSED:**

NEW BOAT RAMP, DOCK  
AND CHANNEL DREDGING

COUNTY OF: BEAUFORT STATE OF: SC

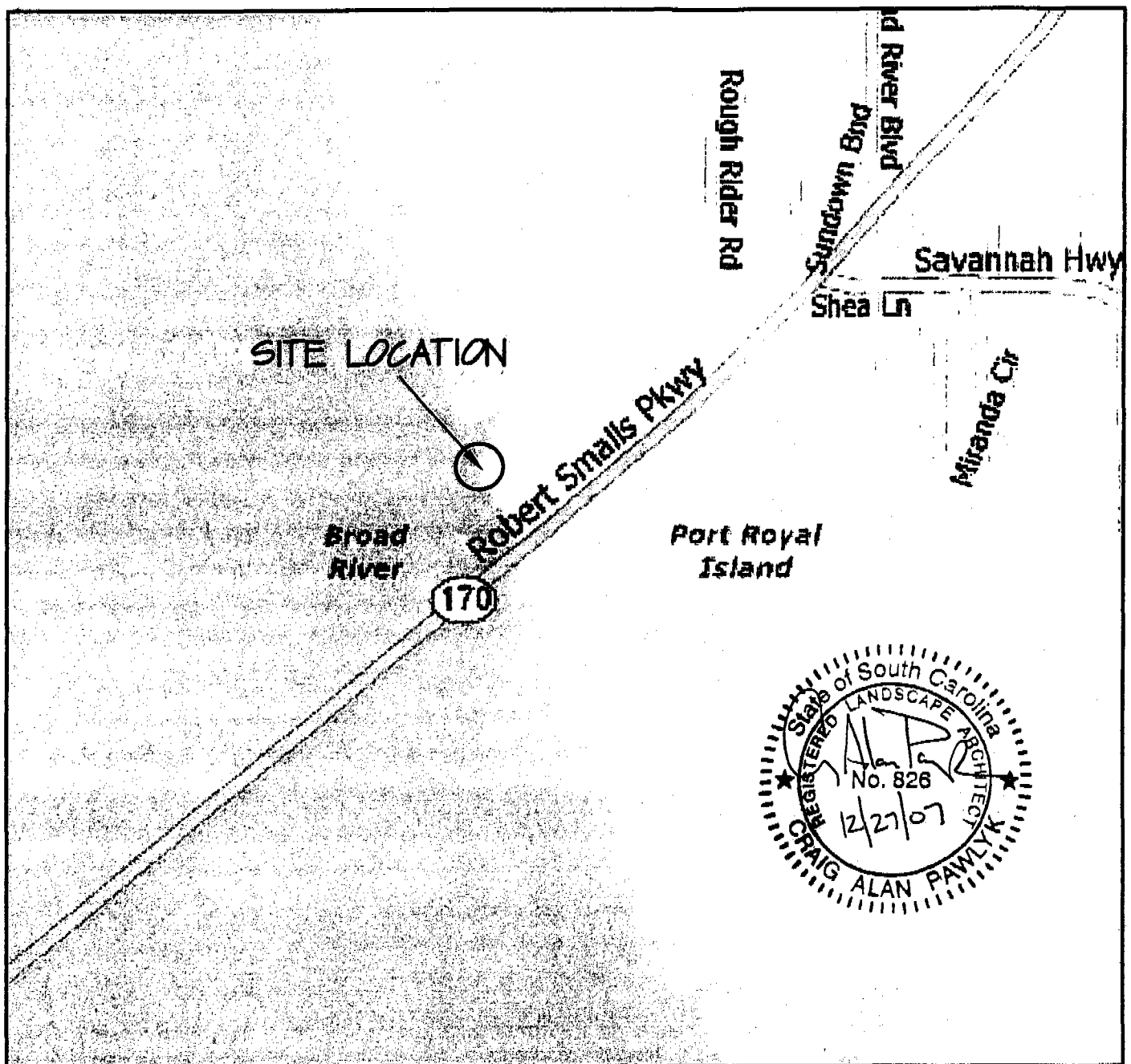
ON: BROAD RIVER

SHEET: 1 OF 14

DATE: 11/05/07

REVISED: 12/27/07

FILE: BROAD RIVER DREDGING  
ZANDE-JON GUERRY TAYLOR P.E.



## LOCATION MAP

MAP: BY MAPQUEST

#SAC 2007-2546-1IW



### AUTHORIZED AGENT:

ZANDE--JON GUERRY TAYLOR, P.E., INC.  
P.O. BOX 1082  
MT. PLEASANT, SC 29465  
c/o MR. CRAIG PAWLYK

### ADJACENT RIPARIAN PROPERTY:

SEE SHEET X

LATITUDE: N 32d 23'30.69"  
LONGITUDE: W 80d 46'32.38"

**BROAD RIVER BOAT RAMP  
AND  
DREDGING CHANNEL**

BEAUFORT COUNTY

### PROPOSED:

NEW BOAT RAMP, DOCK  
AND CHANNEL DREDGING

COUNTY OF: BEAUFORT STATE OF: SC

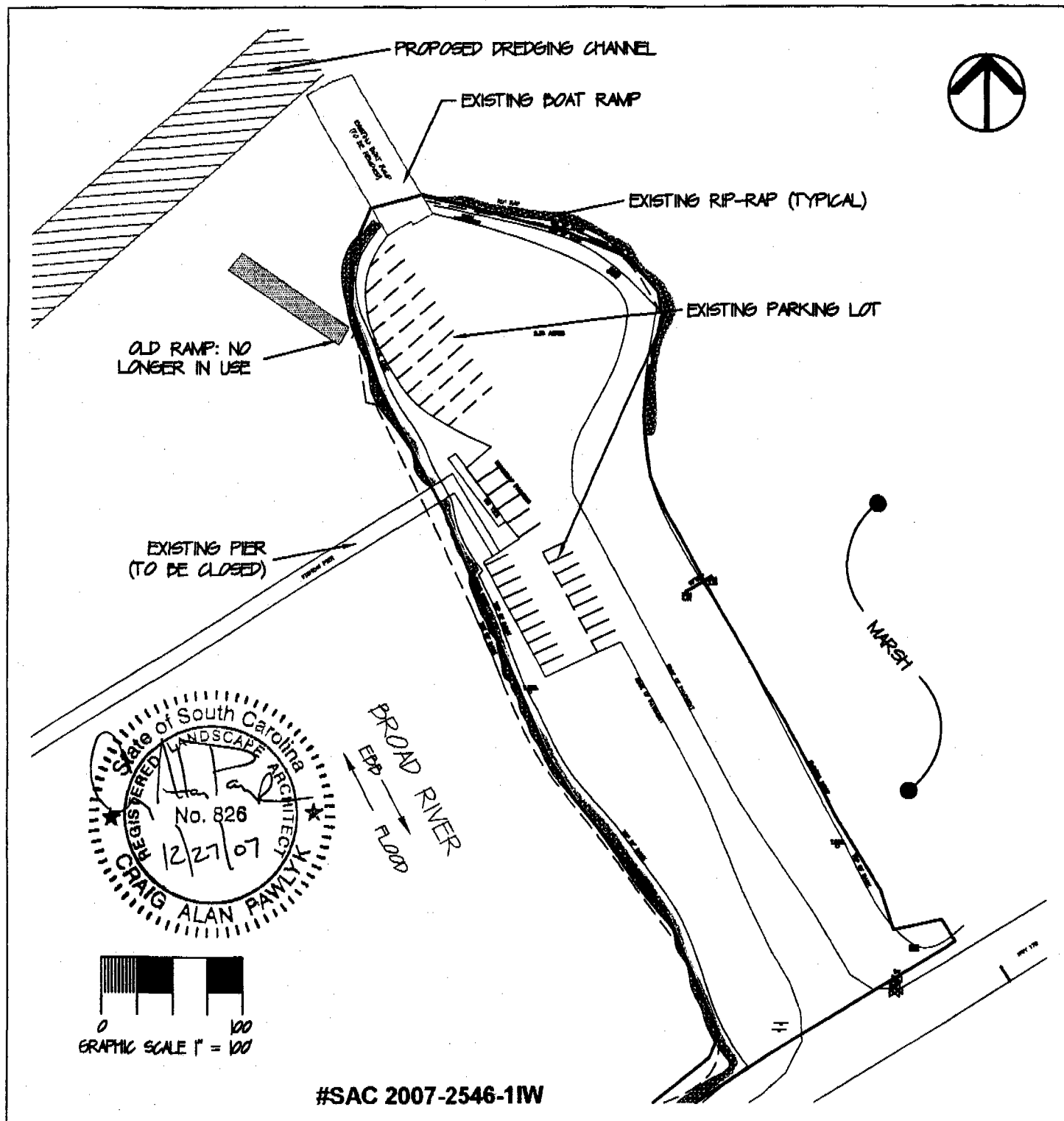
ON: BROAD RIVER

SHEET: 2 OF 14

DATE: 11/05/07

REVISED: 12/27/07

FILE: BROAD RIVER DREDGING  
ZANDE--JON GUERRY TAYLOR P.E.



AUTHORIZED AGENT:

ZANDE-JON GUERRY TAYLOR, P.E., INC.  
P.O. BOX 1082  
MT. PLEASANT, SC 29465  
c/o MR. CRAIG PAWLYK

ADJACENT RIPARIAN PROPERTY:

SEE SHEET X

EXISTING SITE CONDITIONS

**BROAD RIVER BOAT RAMP  
AND  
DREDGING CHANNEL**  
**BEAUFORT COUNTY**

PROPOSED:

NEW BOAT RAMP, DOCK  
AND CHANNEL DREDGING

COUNTY OF: BEAUFORT STATE OF: SC

ON: BROAD RIVER

SHEET: 3 OF 14

DATE: 11/05/07

REVISED: 12/27/07

FILE: BROAD RIVER DREDGING  
ZANDE-JON GUERRY TAYLOR P.E.



**NOTE:**

NEW HYDROGRAPHIC SURVEY INFORMATION IN THE AREA AROUND THE CONCRETE BOAT RAMPS WAS COLLECTED BY BEAUFORT COUNTY ENGINEERING SURVEY DEPARTMENT DURING THE WEEK OF OCTOBER 2, 2006. POINTS NOW SHOWN ON THIS DRAWING SHEET HAVE BEEN CONVERTED TO MEAN LOW WATER (MLW) VERTICAL REFERENCE DATUM BY ADDING 326 TO ALL POINTS.

AREA TO BE DREDGED  
TO -6.0 MLW

PROPOSED DREDGING CHANNEL: 50' WIDE

EXISTING BOAT RAMP

PROPOSED NEW RAMP AND  
FLOATING DOCK LOCATION  
(SEE SHEET 10 OF 15 FOR  
RAMP IMPROVEMENTS)

RAMP AND DOCK  
CURRENTLY PERMITTED:  
~~2003-L-284-P~~

OLD RAMP: NO  
LONGER IN USE

EXISTING FISHING PIER  
(CLOSED-TO BE REMOVED)

## PROPOSED DREDGING IMPROVEMENTS

**#SAC 2007-2546-1IW**

AUTHORIZED AGENT:

ZANDE-JON GUERRY TAYLOR, P.E., INC.  
P.O. BOX 1082  
MT. PLEASANT, SC 29465  
c/o MR. CRAIG PAWLYK

**ADJACENT RIPARIAN PROPERTY:**

SEE SHEET X

**BROAD RIVER BOAT RAMP  
AND  
DREDGING CHANNEL**

BEAUFORT COUNTY

PROPOSED:

NEW BOAT RAMP, DOCK  
AND CHANNEL DREDGING

COUNTY OF: BEAUFORT STATE OF: SC

ON: BROAD RIVER

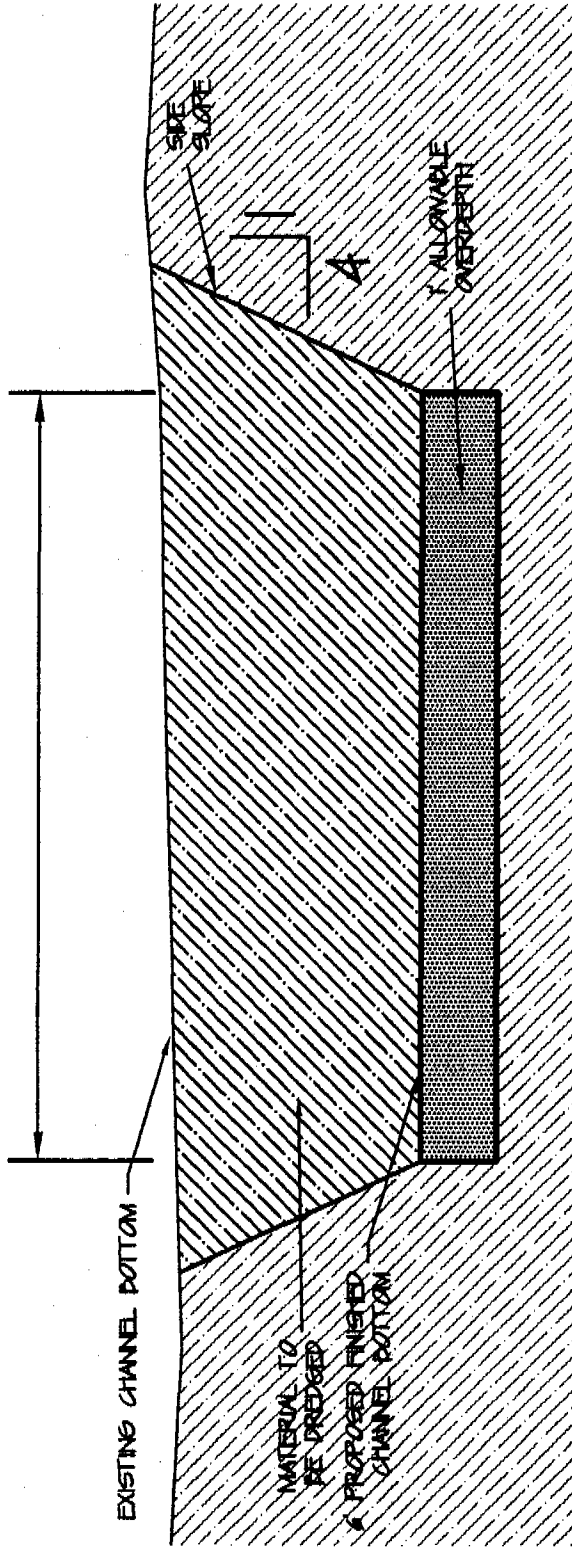
**SHEET: 4 OF 14**

DATE: 11/05/07

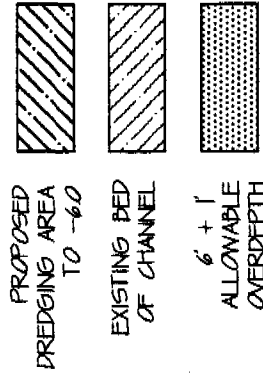
REVISÉ: 12/27/07

FILE: BROAD RIVER DREDGING  
ZANDE-JON GUERRY TAYLOR P.E.

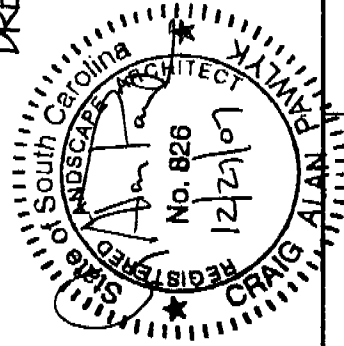
PROPOSED 50' CHANNEL



DREDGING CROSS SECTION A-A



#SAC 2007-2546-11W



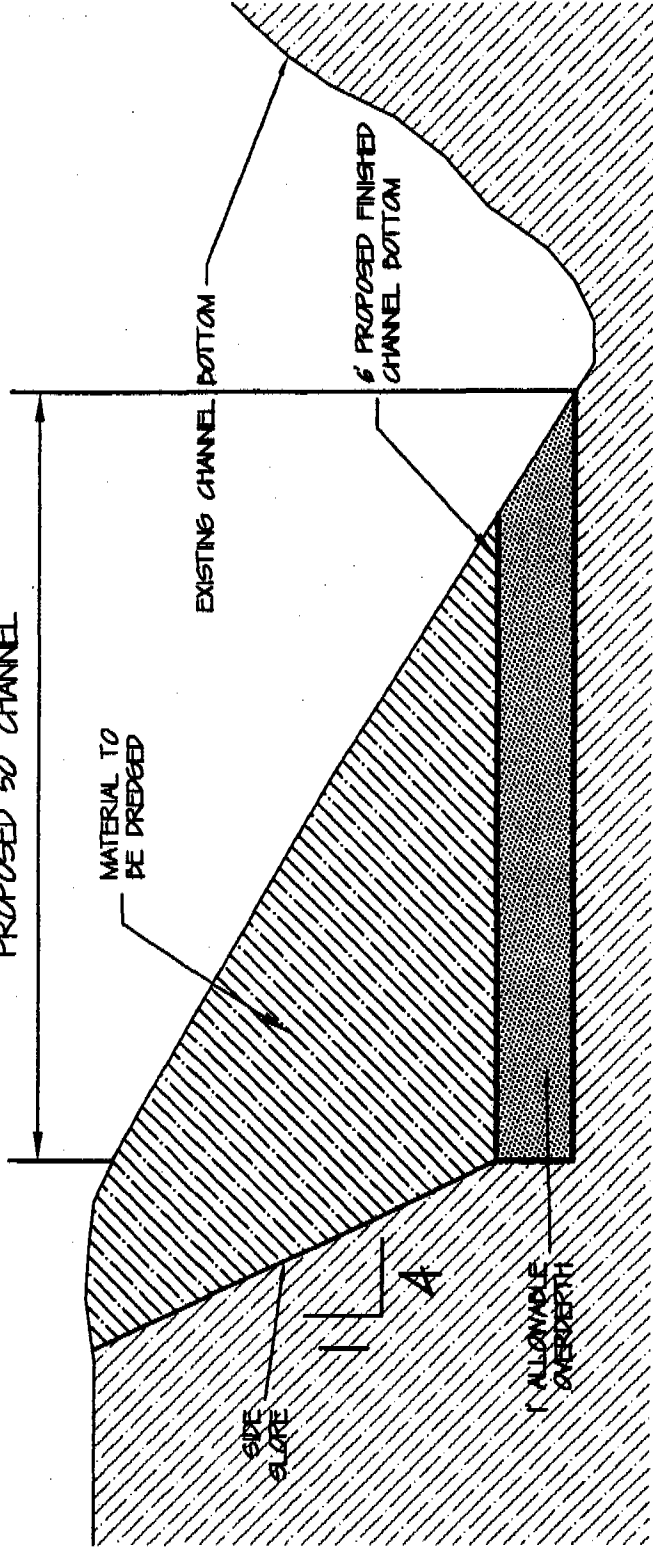
AUTHORIZED AGENT:  
ZANDE-JON GUERRY TAYLOR, P.E., INC.  
P.O. BOX 1082  
MT. PLEASANT, SC 29465  
c/o MR. CRAIG PAWLYK

BROAD RIVER BOAT RAMP  
AND  
DREDGING CHANNEL  
BEAUFORT COUNTY

PROPOSED:  
NEW BOAT RAMP, DOCK  
AND CHANNEL DREDGING  
COUNTY OF: BEAUFORT STATE OF: SC  
ON: BROAD RIVER  
DATE: 11/05/07  
SHEET: 5 OF 14  
REVISED: 12/27/07



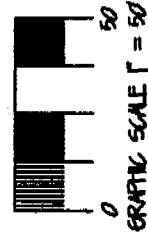
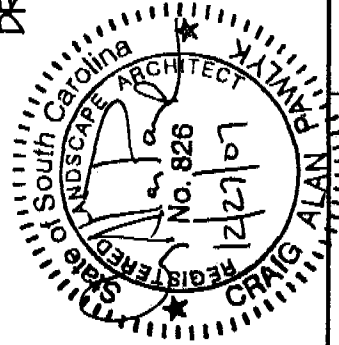
PROPOSED 50' CHANNEL



DREDGING CROSS SECTION B-B

#SAC 2007-2546-11W

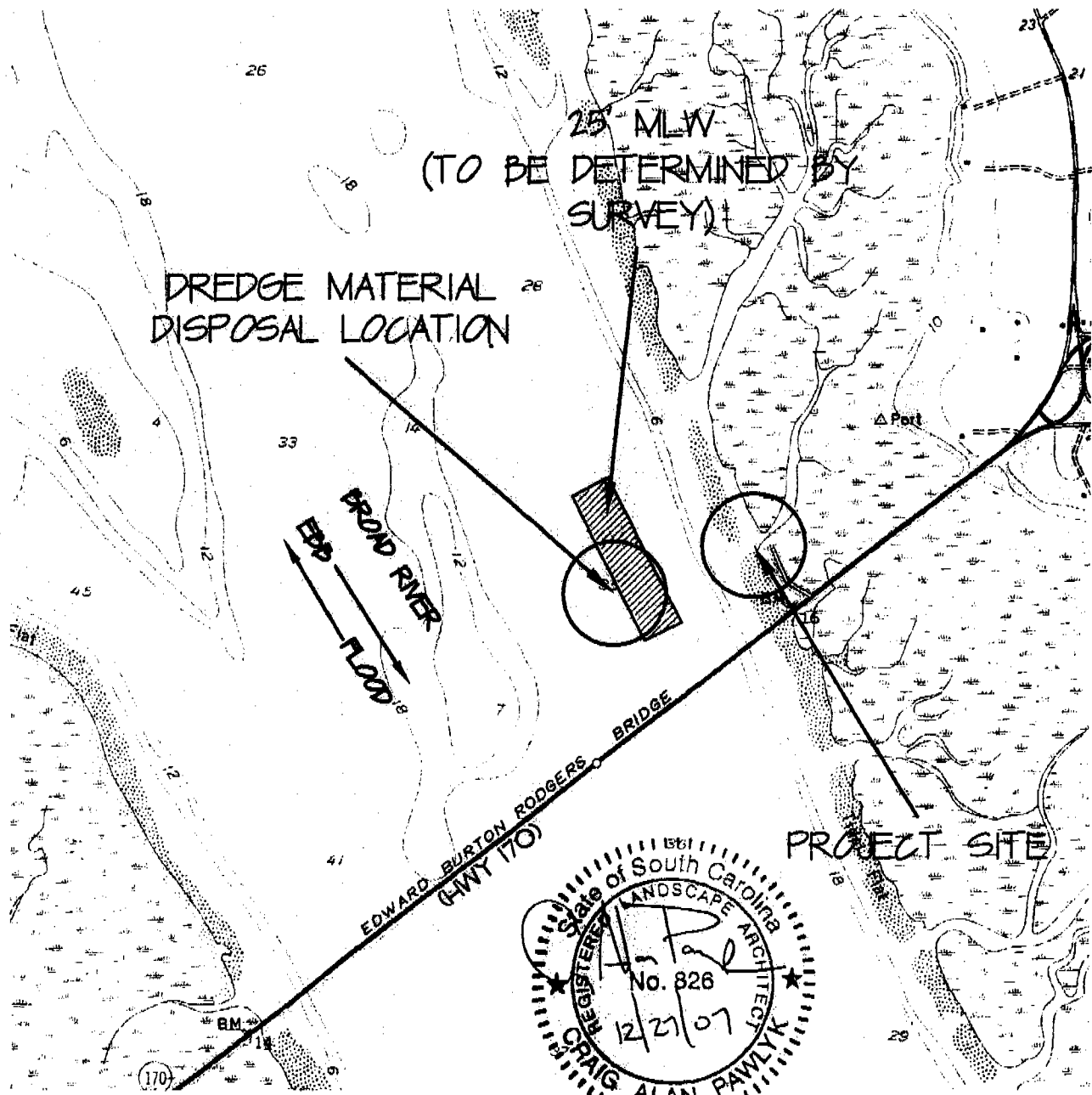
- PROPOSED DREDGING AREA TO -6.0
- EXISTING BED OF CHANNEL
- 6' + 1' ALLOWABLE OVERDEPTH



AUTHORIZED AGENT:  
ZANDE-JON GUERRY TAYLOR, P.E., INC.  
P.O. BOX 1082  
MT. PLEASANT, SC 29465  
c/o MR. CRAIG PAWLYK

PROPOSED:  
NEW BOAT RAMP, DOCK  
AND CHANNEL DREDGING  
COUNTY OF: BEAUFORT STATE OF: SC  
ON: BROAD RIVER  
DATE: 11/05/07  
SHEET: 6 OF 14  
REVISED: 12/27/07

BROAD RIVER BOAT RAMP  
AND  
DREDGING CHANNEL  
BEAUFORT COUNTY



OPEN WATER DISPOSAL LOCATION

#SAC 2007-2546-1IW



**AUTHORIZED AGENT:**

ZANDE-JON GUERRY TAYLOR, P.E., INC.  
P.O. BOX 1082  
MT. PLEASANT, SC 29465  
c/o MR. CRAIG PAWLYK

**ADJACENT RIPARIAN PROPERTY:**

SEE SHEET X

LATITUDE: N 32d 23'30.69"  
LONGITUDE: W 80d 46'32.38"

**BROAD RIVER BOAT RAMP  
AND  
DREDGING CHANNEL**  
  
BEAUFORT COUNTY

**PROPOSED:**

NEW BOAT RAMP, DOCK  
AND CHANNEL DREDGING

COUNTY OF: BEAUFORT STATE OF: SC

ON: BROAD RIVER

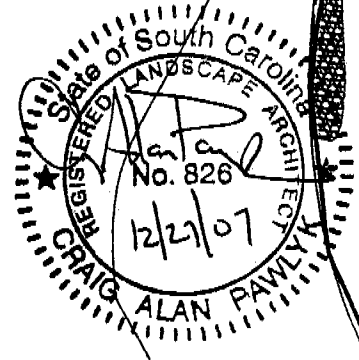
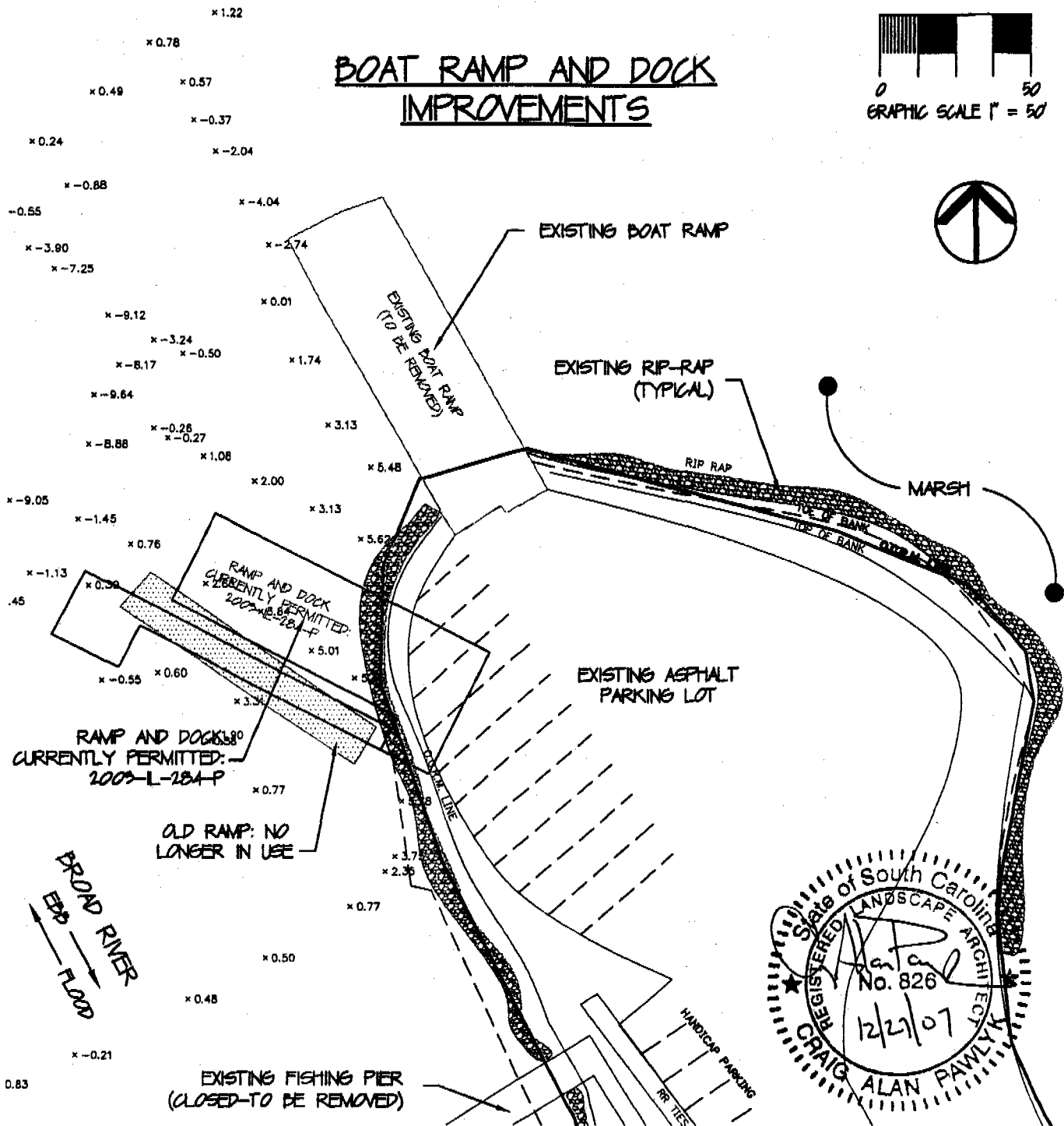
SHEET: 7 OF 14

DATE: 11/05/07

REVISED: 12/27/07

FILE: BROAD RIVER DREDGING  
ZANDE-JON GUERRY TAYLOR P.E.

# BOAT RAMP AND DOCK IMPROVEMENTS



## AUTHORIZED AGENT:

ZANDE-JON GUERRY TAYLOR, P.E., INC.  
P.O. BOX 1082  
MT. PLEASANT, SC 29465  
c/o MR. CRAIG PAWLYK

## ADJACENT RIPARIAN PROPERTY:

SEE SHEET X

## EXISTING SITE CONDITIONS

#SAC 2007-2546-1IW  
BROAD RIVER BOAT RAMP  
AND  
DREDGING CHANNEL

BEAUFORT COUNTY

## PROPOSED:

NEW BOAT RAMP, DOCK  
AND CHANNEL DREDGING

COUNTY OF: BEAUFORT STATE OF: SC

ON: BROAD RIVER

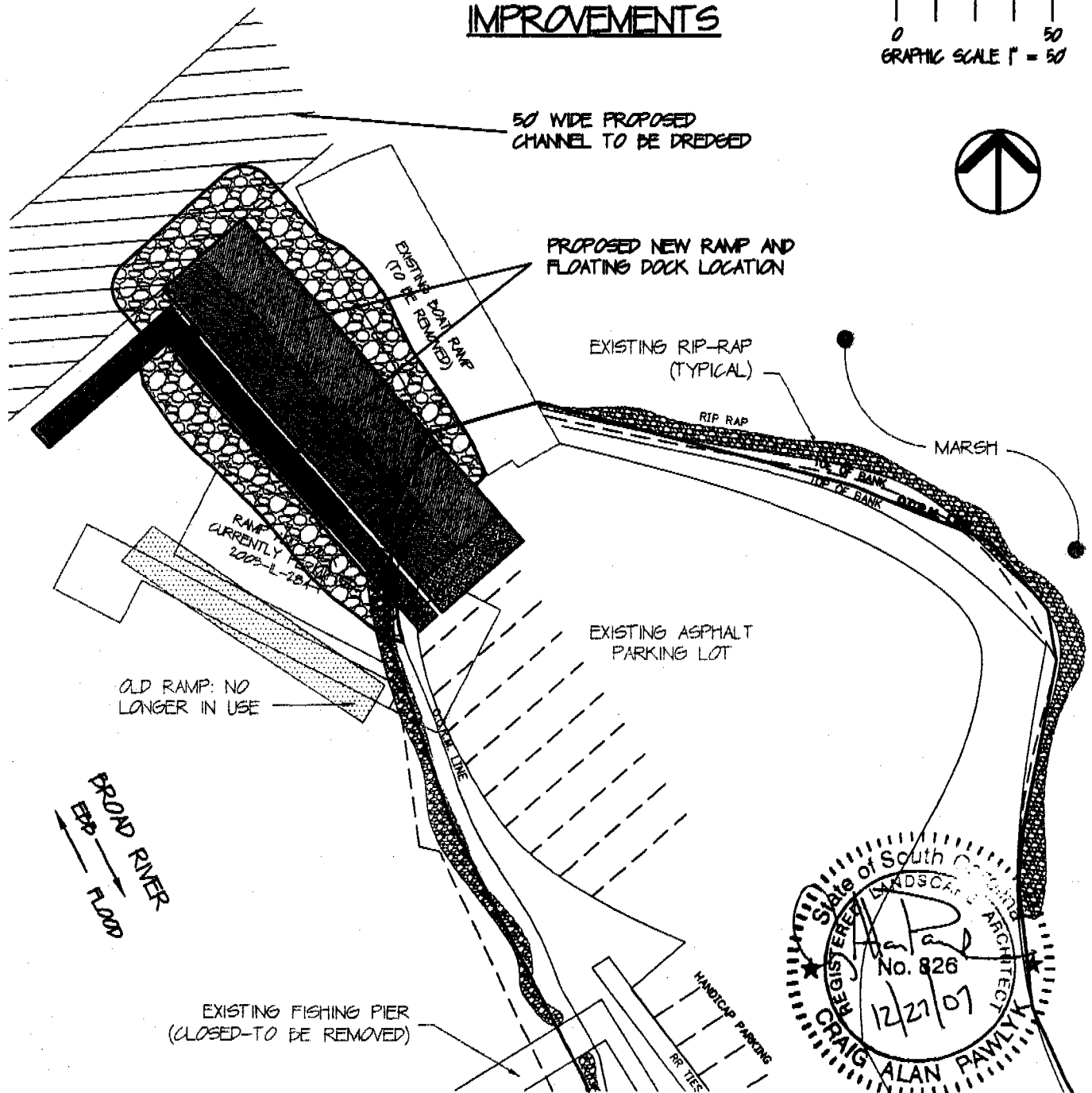
SHEET: 9 OF 14

DATE: 11/05/07

REVISED: 12/27/07

FILE: BROAD RIVER DREDGING  
ZANDE-JON GUERRY TAYLOR P.E.

# BOAT RAMP AND DOCK IMPROVEMENTS



## AUTHORIZED AGENT:

ZANDE-JON GUERRY TAYLOR, P.E., INC.  
P.O. BOX 1082  
MT. PLEASANT, SC 29465  
c/o MR. CRAIG PAWLYK

## ADJACENT RIPARIAN PROPERTY:

SEE SHEET X

## PROPOSED SITE IMPROVEMENTS

#SAC 2007-2546-1IW  
BROAD RIVER BOAT RAMP  
AND  
DREDGING CHANNEL

BEAUFORT COUNTY

## PROPOSED:

NEW BOAT RAMP, DOCK  
AND CHANNEL DREDGING

COUNTY OF: BEAUFORT STATE OF: SC

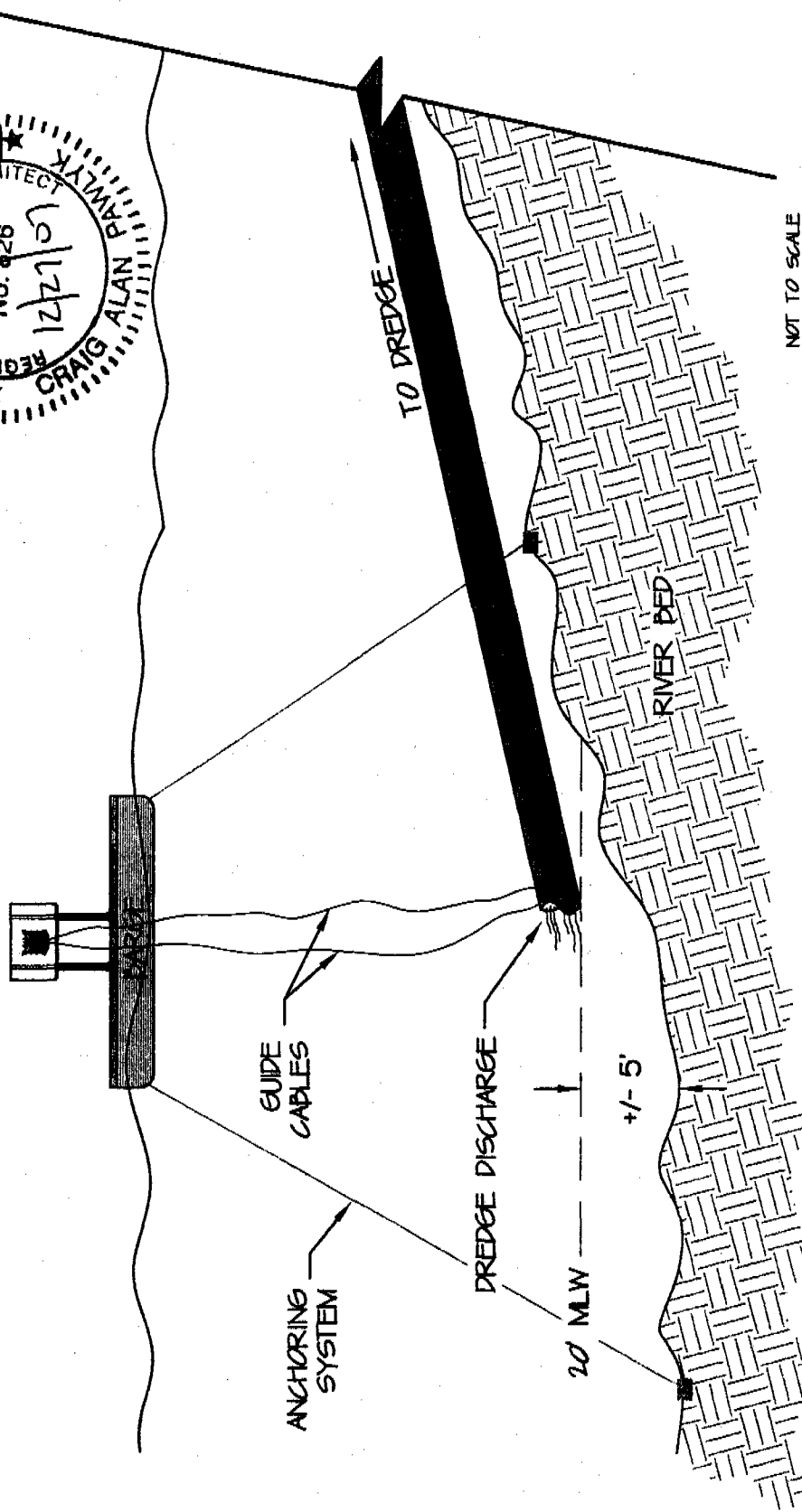
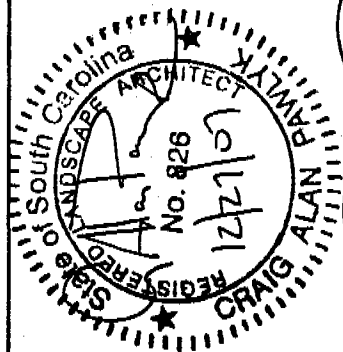
ON: BROAD RIVER

SHEET: 10 OF 14

DATE: 11/05/07

REVISED: 12/27/07

FILE: BROAD RIVER DREDGING  
ZANDE-JON GUERRY TAYLOR P.E.



#SAC 2007-2546-1IW

AUTHORIZED AGENT:  
ZANDE-JON GUERRY TAYLOR, P.E., INC.  
P.O. BOX 1082  
MT. PLEASANT, SC 29465  
c/o MR. CRAIG PAWLYK

BROAD RIVER BOAT RAMP  
AND  
DREDGING CHANNEL  
BEAUFORT COUNTY

PROPOSED:

NEW BOAT RAMP, DOCK  
AND CHANNEL DREDGING

COUNTY OF: BEAUFORT STATE OF: SC

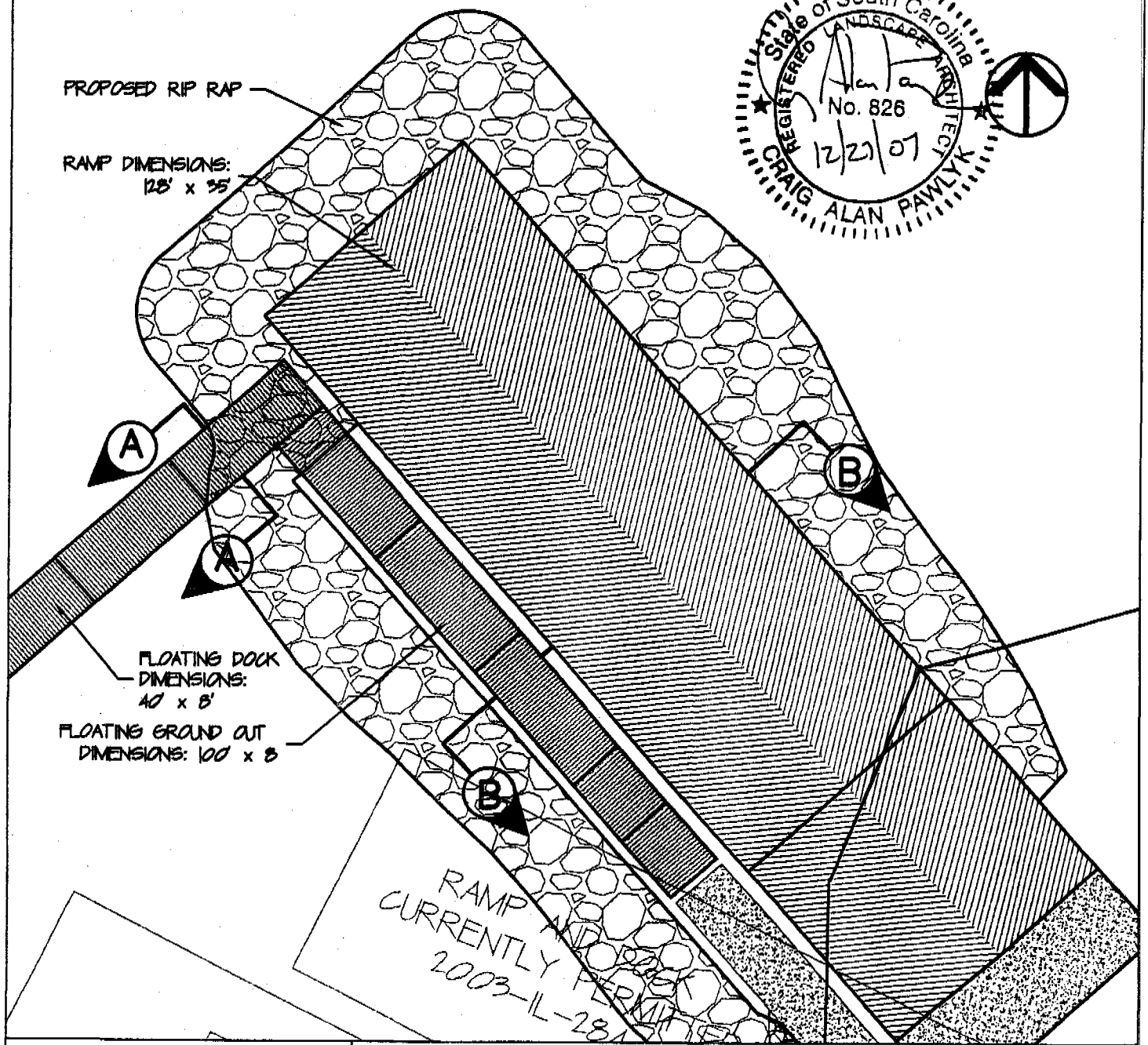
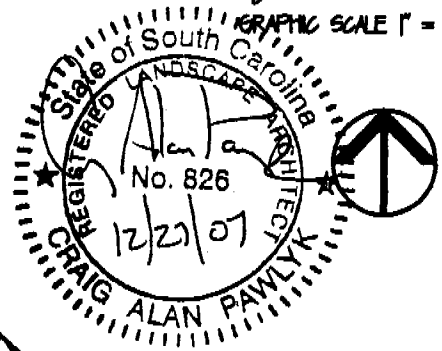
ON: BROAD RIVER

SHEET: 8 OF 14

DATE: 11/05/07

REVISED: 12/27/07

# PROPOSED BOAT RAMP & GROUNDOUT DOCK



**AUTHORIZED AGENT:**  
ZANDE-JON GUERRY TAYLOR, P.E., INC.  
P.O. BOX 1082  
MT. PLEASANT, SC 29465  
c/o MR. CRAIG PAWLYK

**ADJACENT RIPARIAN PROPERTY:**  
SEE SHEET X

**#SAC 2007-2546-1IW**  
**BROAD RIVER BOAT RAMP**  
**AND**  
**DREDGING CHANNEL**  
**BEAUFORT COUNTY**

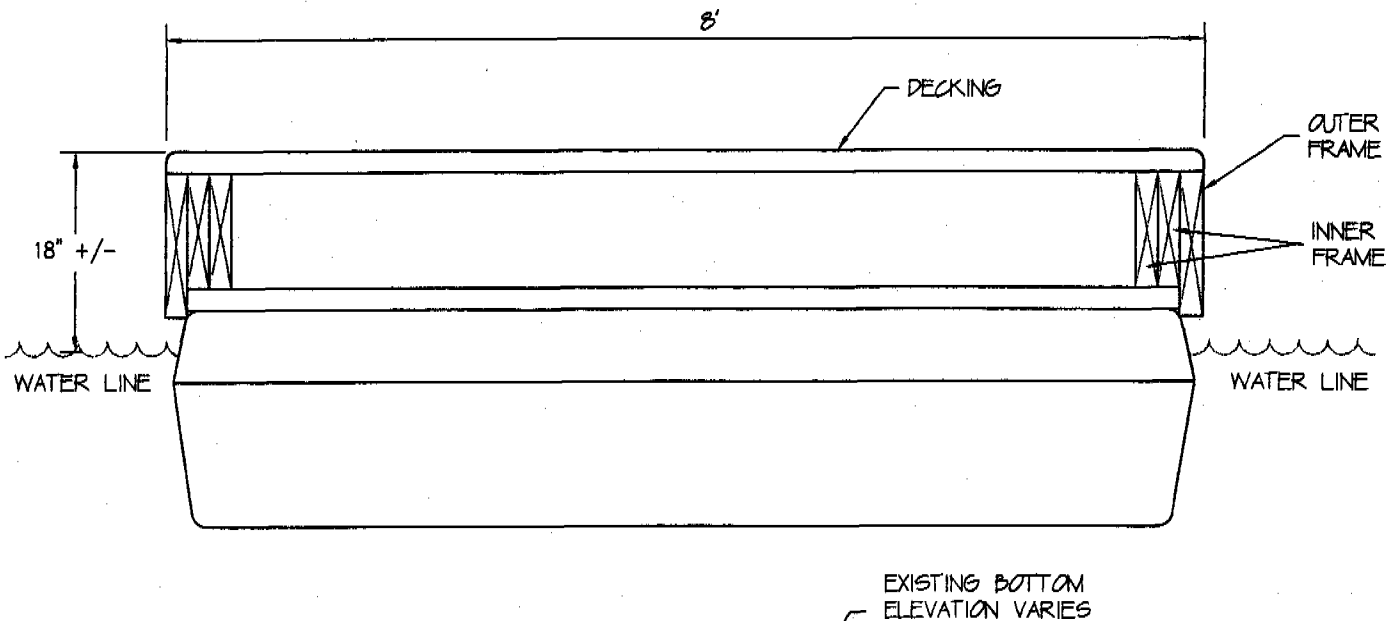
**PROPOSED:**  
NEW BOAT RAMP, DOCK  
AND CHANNEL DREDGING

**COUNTY OF:** BEAUFORT **STATE OF:** SC

**ON:** BROAD RIVER  
**DATE:** 11/05/07

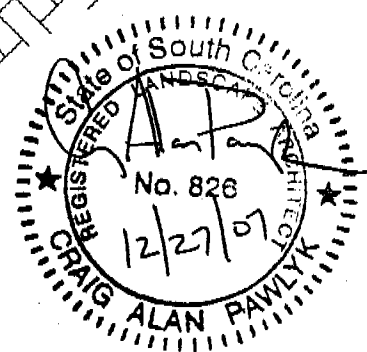
**SHEET:** 11 OF 14  
**REVISED:** 12/27/07

**FILE: BROAD RIVER DREDGING**  
**ZANDE-JON GUERRY TAYLOR P.E.**



8 FT WIDE  
SECTION A-A  
 NOT TO SCALE

#SAC 2007-2546-1IW



AUTHORIZED AGENT:

ZANDE-JON GUERRY TAYLOR, P.E., INC.  
 P.O. BOX 1082  
 MT. PLEASANT, SC 29465  
 c/o MR. CRAIG PAWLYK

ADJACENT RIPARIAN PROPERTY:

SEE SHEET X

PROPOSED FLOATING DOCK  
 CROSS SECTION

BROAD RIVER BOAT RAMP  
 AND  
 DREDGING CHANNEL  
 BEAUFORT COUNTY

PROPOSED:

NEW BOAT RAMP, DOCK  
 AND CHANNEL DREDGING

COUNTY OF: BEAUFORT STATE OF: SC

ON: BROAD RIVER

DATE: 11/05/07

SHEET: 12 OF 14

REVISED: 12/27/07

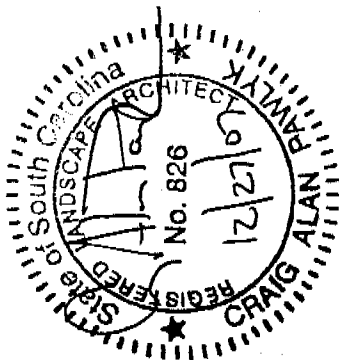
FILE: BROAD RIVER DREDGING  
 ZANDE-JON GUERRY TAYLOR P.E.

— MTHV = 7.7' MLW  
— MTH = 7.34' MLW

— NAVD83 = 4.8' MLW  
— MSL = 4.0' MLW  
— MTL = 3.67' MLW

— 0.0' MLW  
— MLW = -0.105' MLW

**IDE SCALE**  
(DATA RELATIONS)



ONE-MAN SIZED RIPRAP TO BE INSTALLED OVER FILTER FABRIC TO A MIN. DEPTH OF 1 FT. WHERE SIDESLOPES ARE NECESSARY AROUND NEW CONCRETE RAMP.  
(TYPICAL ALL NEW SLOPES)

PROPOSED 8 FT. WIDE GROUNDOUT COURTESY DOCK

TOP OF PILE  
ELEV. =  
+ XX' MLW

FLOATING DOCK PILE

6" STAND-UP LANE DIVIDER CURB (TYPICAL)

6" STAND-UP LANE DIVIDER CURBS ON BOTH SIDES OF RAMP (TYPICAL)

#4 STONE, 4 INCHES MIN. DEPTH

6" THICK CONCRETE SLAB WITH #4 BARS AT 12" ON CENTER EACH DIRECTION

EXISTING GRADE OR SELECT FILL SURFACE COMPACTED TO 95% STANDARD PROCTOR

SLOPE (IF ANY) VARIES DEPENDING ON EXISTING TOPOGRAPHY

# CONCRETE RAMP AND DOCK - SECTION B-B

NOT TO SCALE

PROPOSED BOAT RAMP AND GROUNDOUT DOCK CROSS SECTION

#SAC 2007-2546-1NW

AUTHORIZED AGENT:

ZANDE-JON GUERRY TAYLOR, P.E., INC.  
P.O. BOX 1082  
MT. PLEASANT, SC 29465  
c/o MR. CRAIG PAWLYK

PROPOSED:

NEW BOAT RAMP, DOCK AND CHANNEL DREDGING

COUNTY OF: BEAUFORT STATE OF: SC  
ON: BROAD RIVER

DATE: 11/05/07

SHEET: 13 OF 14  
REVISED: 12/27/07

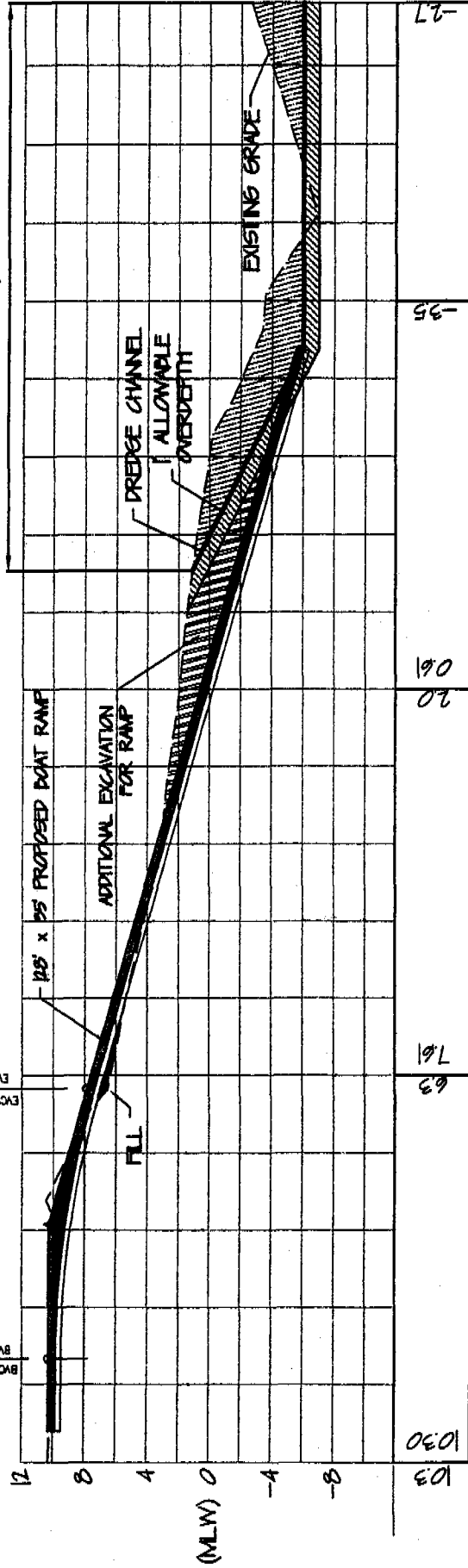
BROAD RIVER BOAT RAMP AND DREDGING CHANNEL  
BEAUFORT COUNTY



HIGH POINT ELEV = 1030  
 HIGH POINT STA = 0+132.9  
 PVI STA = 0+30.79  
 PVI ELEV = 1030  
 AD = -1400  
 K = 250  
 3500 VC

BVC: 0+12.29  
 ELEV 1030  
 EVC: 0+48.29  
 ELEV 7.65

CHANNEL TO BE DREDGED



NOTE:  
 ALL DEPTHS REFERENCED  
 TO MEAN LOW WATER (MLW)

HORIZONTAL SCALE: 1" = 20'  
 VERTICAL SCALE: 1" = 10'



# PROPOSED RAMP PROFILE

#SAC 2007-2546-1IW

PROPOSED:

BROAD RIVER BOAT RAMP  
 AND  
 DREDGING CHANNEL  
 BEAUFORT COUNTY

AUTHORIZED AGENT:  
 ZANDE-JON GUERRY TAYLOR, P.E., INC.  
 P.O. BOX 1082  
 MT. PLEASANT, SC 29465  
 c/o MR. CRAIG PAWLK

NEW BOAT RAMP, DOCK  
 AND CHANNEL DREDGING  
 COUNTY OF: BEAUFORT STATE OF: SC  
 ONE: BROAD RIVER  
 SHEET: 14 OF 14  
 DATE: 11/05/07  
 REVISED: 12/27/07